

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2054	(382/130,255,225,293,294).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/15 10:48
S2	115	(345/646).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/15 10:48
S3	2166	S1 or S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 10:49
S4	2	S3 and (control near2 point) with cluster\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 10:51
S5	40	S3 and (control near2 point) with (cluster\$5 or group\$5 or set or class\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 11:13
S6	2539	(control near2 point) with (cluster\$5 or group\$5 or class\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 11:14
S7	1484	(control near2 point) with (cluster\$5 or group\$5 or class\$8) and @ad<"20021118"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 11:15

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S8	104	(control near2 point) with (cluster\$5) and @ad<"20021118"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 11:15
S9	703	transformation near3 interpolation	US-PGPUB; USPAT	OR	ON	2007/10/16 08:37
S10	256	transformation near3 interpolation and ("382".clas. Or "345".clas.)	US-PGPUB; USPAT	OR	ON	2007/10/16 08:39
S11	39	transformation near3 interpolation and ("382".clas. Or "345".clas.) and (MRI or CT)	US-PGPUB; USPAT	OR	ON	2007/10/16 08:51
S12	0	transformation adj of adj interpolation and ("382".clas. Or "345".clas.) and (MRI or CT)	US-PGPUB; USPAT	OR	ON	2007/10/16 08:52
S13	1	transformation near5 interpolation near3 coefficients and ("382".clas. Or "345".clas.) and (MRI or CT)	US-PGPUB; USPAT	OR	ON	2007/10/16 08:53
S14	6	transform\$7 near5 interpolat\$4 near3 coefficients and ("382".clas. Or "345".clas.) and (MRI or CT)	US-PGPUB; USPAT	OR	ON	2007/10/16 08:53
S15	0	transfrom with (control near2 point) with (interpolate or average or weight)	US-PGPUB; USPAT	OR	ON	2007/10/16 09:13
S16	2	transform with (control near2 point) with (interpolate or average or weight)	US-PGPUB; USPAT	OR	ON	2007/10/16 09:19
S17	54	(transform or function) with (control near2 point) with (interpolate or average or scale)	US-PGPUB; USPAT	OR	ON	2007/10/16 09:21
S18	6	(transform or function) with (control near2 point) with (interpolate or average or scale) and (ct or mri or medical)	US-PGPUB; USPAT	OR	ON	2007/10/16 09:25
S19	91	(control near2 point) with (interpolate or average or scale) and (ct or mri or medical) and @ad<"20021118"	US-PGPUB; USPAT	OR	ON	2007/10/16 10:31
S20	49	(control near2 point) with (interpolat\$5) and (ct or mri or medical) and @ad<"20021118"	US-PGPUB; USPAT	OR	ON	2007/10/16 10:31
S21	1	"20020054699"	US-PGPUB; USPAT	OR	ON	2007/10/16 10:49
S22	62	template adj2 propagation	US-PGPUB; USPAT	OR	ON	2007/10/16 12:41

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S23	16	template adj2 propagation and cluster\$5	US-PGPUB; USPAT	OR	ON	2007/10/16 12:43
S24	6	template adj1 propagation and cluster\$5	US-PGPUB; USPAT	OR	ON	2007/10/16 12:44
S25	0	template adj1 propagation and warp	US-PGPUB; USPAT	OR	ON	2007/10/16 12:44
S26	10	template adj1 propagation and deform\$6	US-PGPUB; USPAT	OR	ON	2007/10/16 12:47
S27	21	template adj1 propagation and point	US-PGPUB; USPAT	OR	ON	2007/10/16 12:47



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1. A template-propagation method for segmentation of filamentous structures in electron tomograms

Weicheng Shen; Peijun Zhang; Germain, D.; Rouault, T.; Subramaniam, S.;
Biomedical Imaging: Macro to Nano, 2004. IEEE International Symposium on
15-18 April 2004 Page(s):1 - 4 Vol. 1
Digital Object Identifier 10.1109/ISBI.2004.1398459

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2. Flows of diffeomorphisms for multimodal image registration

Ched'hotel, C.; Hermosillo, G.; Faugeras, O.;
Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium on
7-10 July 2002 Page(s):753 - 756
Digital Object Identifier 10.1109/ISBI.2002.1029367

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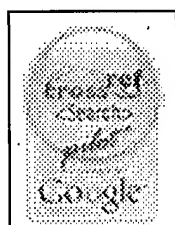
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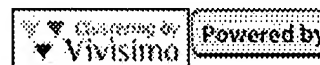
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Flows Of Diffeomorphisms For Multimodal Image Registration (2002) [\(Make Corrections\)](#)

C. Chefd'hotel, G. Hermosillo, O. Faugeras Inria Sophia-Antipolis,
France

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Abstract: We present a theoretical and computational framework for nonrigid multimodal registration. We proceed by maximization of statistical similarity criteria (global and local) in a variational framework, and use the corresponding gradients to drive a flow of diffeomorphisms allowing large deformations. This flow is introduced through a new template propagation method, by composition of small displacements. Regularization is performed using fast filtering techniques. This approach yields robust... [\(Update\)](#)

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- 0.3: Flows of Diffeomorphisms for Multimodal Image Registration - Chefd'hotel, Hermosillo.. [\(Correct\)](#)
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BibTeX entry: [\(Update\)](#)

```
@misc{ faugeras-flows,
  author = "Chefd'hotel Hermosillo Faugeras",
  title = "Flows Of Diffeomorphisms For Multimodal Image Registration",
  url = "citeseer.ist.psu.edu/668213.html" }
```

Citations (may not include all citations):

- 85 Deformable template using large deformation kinematics (context) - Christensen, Rabbitt et al. - 1996
- 44 Fast algorithms for low-level vision - Deriche - 1988 [ACM](#) [DBLP](#)
- 16 Fast fluid registration of medical images (context) - Bro-Nielsen, Gramkow - 1996 [ACM](#) [DBLP](#)
- 11 A variational approach to multi-modal image matching (context) - Chefd'hotel, Hermosillo et al. - 2001 [ACM](#)
- 8 Product formulas and numerical algorithms (context) - Chorin, Hugues et al. - 1978

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